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Sheet 1 of 6

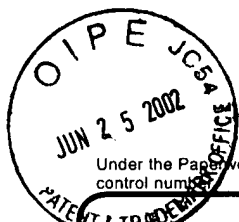
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March 1, 2000

Maureen J. Charron

1633



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Use this form for form 1449B/PTO		<b>Complete if Known</b>	
		Application Number	09/516,493
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Filing Date	March 1, 2000
		First Named Inventor	Maureen J. Charron
		Group Art Unit	1633
		Examiner Name	S. Kaushal, Ph.D.
		Attorney Docket Number	96700/613
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SK	1	AUSUBEL et al., Short Protocols in Molecular Biology, Third Edition, pp. 16-3 - 16-5, 16-58 - 16-62, 1995	
SK	2	BRUNING, et al., A muscle-specific insulin receptor knockout exhibits features of the metabolic syndrome of NIDDM without altering glucose tolerance. Mol Cell, 2:559-69, 1998	
SK	3	CALDERHEAD et al., Insulin regulation of the two glucose transporters in 3T3-L1 adipocytes. J Biol Chem, 265:13800-08, 1990	
SK	4	CARTEE, et al., Stimulation of glucose transport in skeletal muscle by hypoxia. J Appl Physiol, 70:1593-1600, 1991	
SK	5	CHAN and EXTON, A rapid method of the determination of glycogen content and radioactivity in small quantities of tissue or isolated hepatocytes. Anal Biochem, 71:96-105, 1976	
SK	6	CHANG, et al., Overexpression of hexokinase II in transgenic mice. J Biol Chem, 271:14834-39, 1996	
SK	7	CUSHMAN and SALANS, Determinations of adipose cell size and number in suspensions of isolated rat and human adipose cells. J Lipid Res, 19:269-73, 1978	
SK	8	DEVASKAR and MUECKLER, The mammalian glucose transporters. Pediatr Res, 31:1-13, 1992	
SK	9	DOEGE et al., GLUT8, a novel member of the sugar transport facilitator family with glucose transport activity. J Biol Chem, 275:16275-80, 2000	
SK	10	DOUEN et al., Exercise Induces Recruitment of the "Insulin-responsive glucose transporter. J Biol Chem, 265:13427-30, 1990	
SK	11	FOLEY, Rationale and application of fatty acid oxidation inhibitors in treatment of diabetes mellitus. Diabetes Care, 15:773-84, 1992	

Examiner Signature		Date Considered	8/19/02
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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 6

## Complete if Known

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First Named Inventor	Maureen J. Charron
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SK	12	FROEHNER et al., The blood-nerve barrier is rich in glucose transporter. J Neurocytol, 17:173-178, 1988	
SK	13	GARCIA DE HERREROS and BIRNBAUM, The acquisition of increased insulin-responsive hexose transport in 3T3- L1 adipocytes correlates with expression of a novel transporter gene. J Biol Chem, 264:19994-99, 1989	
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SK	21	HURLEY et al., Muscle triglyceride utilization during exercise: effect of training. J Appl Physiol, 60:562-67, 1986	
SK	22	IBBERSON et al., GLUTX1, a novel mammalian glucose transporter expressed in central nervous system and insulin-sensitive tissues. The Journal of Biological Chemistry, 275:4607-12, 2000	

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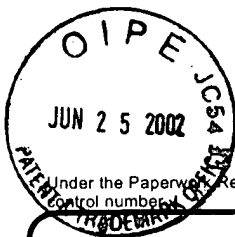
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Sc	23	JENKINS et al., Effects of nonesterified fatty acid availability on tissue-specific glucose utilization in rats in vivo. J Clin Invest., 82:293-99, 1988	
Sc	24	JOOST et al., Structure-function relationship of glucose transporters catalyzing facilitated diffusion. Exp Clin Endocrinol, 102:434-38, 1994	
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Sc	31	MURAKAMI et al., Enzymatic and genetic adaption of soleus muscle mitochondria to physical training in rats. Am J Physiol, 267:E388-E395, 1994	
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Sc	33	OAKES et al., A new antidiabetic agent, BRL 49653, reduces lipid availability and improves insulin action and glucoregulation in the rat. Diabetes, 43:1203-10, 1994	

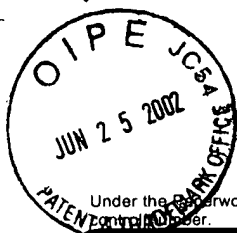
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SK	34	OKUNO et al., Acute effect of troglitazone on glucose metabolism in the absence or presence of insulin in perfused rat hindlimb. Metabolism, 46:716-21, 1997	
SK	35	OLSON and PESSIN, Structure, function, and regulation of the mammalian facilitative glucose transporter gene family. Annu Rev Nutr, 16:235-56, 1996	
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SK	43	STENBIT et al., Diverse effects of GLUT4 ablation on glucose uptake and glycogen synthesis in red and white skeletal muscle. J Clin Invest, 98:629-34, 1996	
SK	44	STENBIT et al., GLUT4 heterozygous knockout mice develop muscle insulin resistance and diabetes. Nature Med, 3:1096-1101, 1997	

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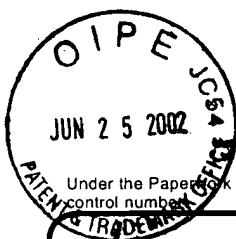
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First Named Inventor	Maureen J. Charron
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Sc	45	TSAO et al., Enhanced insulin action due to targeted GLUT4 overexpression exclusively in muscle. Diabetes, 45:28-36, 1996	✓
Sc	46	TSAO et al., Muscle-specific transgenic complementation of GLUT4-deficient mice. J Clin Invest, 100: 671-677, 1997	✓
Sc	47	WIBOM et al., Adaption of mitochondrial ATP production in human skeletal muscle to endurance training and detraining. J Appl Physiol, 73:2004-10, 1992	✓
Sc	48	WILSON et al., Regulation of cell surface GLUT1, GLUT3, and GLUT4 by insulin and IGF-I in L6 myotubes. FEBS Lett, 368:19-22, 1995	
Sc	49	ZIERATH et al., Restoration of hypoxia-stimulated glucose uptake in GLUT4-deficient muscles by muscle-specific GLUT4 transgenic complementation. J Biol Chem, 273:20910-15, 1998	✓
Sc	50	ZORZANO et al., Insulin-regulated glucose uptake in rat adipocytes is mediated by two transporter isoforms present in at least two vesicle populations. J Biol Chem 264:12358-63, 1989	

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